



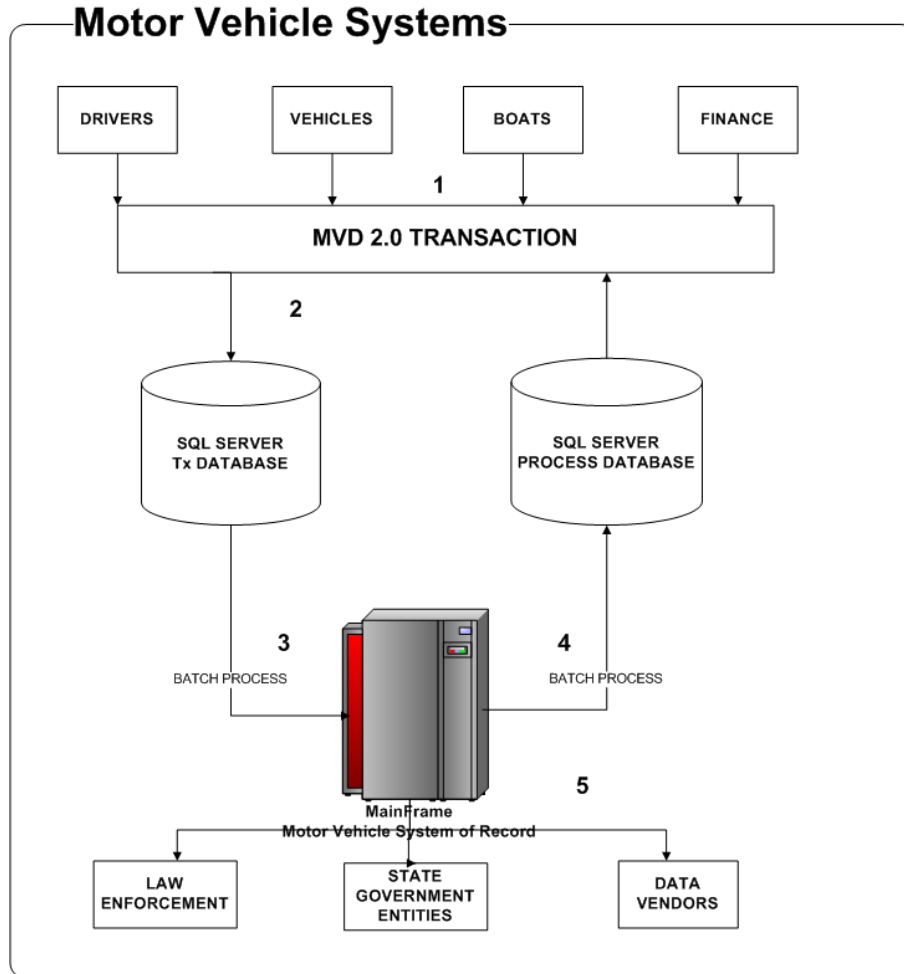
NEW MEXICO MOTOR VEHICLE SYSTEM OVERVIEW

November 29, 2011

Overview of Current Process

- Dual platform system
 - MVD 2.0- (Front-end)
 - Web-based system
 - Implemented 2001
 - Technologies: Classic ASP - .NET 3.5 Framework
 - Data Repository – MS SQL Server
 - Migrating from MS SQL 2000 to MS SQL 2005
 - Backend is a mainframe system (system of record)
 - Batch jobs –COBOL
 - Some of the code developed in 1970s and 1980s
 - Online- CICS
 - Data Repository
 - DB2
 - VSAM Files

Overview of Current Environment



1. Clerk conducts MVD transaction
2. Application server interacts with database server
3. All transactions are batched and sent to mainframe for processing
4. After processing, data is replicated from mainframe to MS SQL Server
5. MVD Data is accessed by outside entities

Issues

- Dual Systems
 - Data Synchronization
 - Not Customer Centric
 - Much of application is “hard-coded”, not table driven
 - Any code modification requires duplication of effort
- Mainframe
 - Old technology that is becoming increasingly harder to find programmers for
 - High cost
- MVD 2.0
 - Old technology that is fast becoming obsolete; Microsoft has discontinued support for Classic ASP
 - Not “modular”, hard to integrate with new systems
- Risks
 - Current system is old and error-prone
 - Out of compliance with federal mandates
 - Lack of audit trails
 - Using out-dated, unsupported technologies

MVD Reengineering Project

- HP awarded contract for multi-year COTS (COMET) project to replace current MVD system in Spring 2010
 - Drivers and Financial Modules
 - Estimated implementation date: February 2012
 - Vehicle Module
 - Summer/Fall 2013
 - Optional Modules (IFTA/IRP)
 - Summer 2014
 - Contract with HP cancelled in May 16, 2011
- HP Contract Canceled in the Spring of 2011

Interim Solutions

- Commercial Driver's License Information System (CDLIS) Modernization 5.2
 - In-house development
 - Need to meet federal mandates by First Quarter 2012
 - Timeline:
 - Developed and finalized Use Cases to document requirements
 - September and October – Application development
 - Early November – User Acceptance Testing
 - December – January 2012 – Casual and Structured testing with the AAMVA
 - February - User Training
 - Production implementation by February 20, 2012
- Request for Information (RFI)
 - RFI was published on 7/22/11
 - Deadline for proposals 8/25/11
 - TRD\ITD submitted a proposal
 - Based on proposals, Department will decide whether to proceed with RFP
- MVD 2.0 and Mainframe Fixes
 - MVD has identified and prioritized top issues with current systems
 - ITD has begun work on fixes

Proposed Solution

- New system built on Service Oriented Architecture (SOA)
 - Modular, Flexible and Easy to maintain
- Industry standard best practices
 - Secure system leveraging Active Directory with single sign-on
 - Multiple delivery channels like IVR, Web, Kiosk
 - Emphasis on quality assurance and quality control throughout the life cycle of the project
 - Well defined change control processes.
 - Risk Management
 - Identify, Qualify, Quantify, Mitigate
 - Latest technology



Questions

New Mexico